TASK -5

Part-1 :

First, we are extracting the given file and finding the flags.


```
faheem@faheem-VirtualBox:~$ cd Downloads
faheem@faheem-VirtualBox:~/Downloads$ ls -a
.  ..  Main_Directory  Task  Task.tar.gz
faheem@faheem-VirtualBox:~/Downloads$ tar xvfz Task.tar.gz
Main_Directory/
Main_Directory/flag{f1rst_fl@g_h3r3}/
Main_Directory/3/
Main_Directory/3/1.txt
Main_Directory/3/.flag.txt
Main_Directory/3/find_me/
Main_Directory/3/find_me/1/
Main_Directory/3/find_me/1/2/
Main_Directory/3/find_me/1/2/3/
Main_Directory/3/find_me/1/2/3/4/
Main_Directory/3/find_me/1/2/3/4/password_for_zip.txt
Main_Directory/3/find_me/1/2/3/4/5/
Main_Directory/3/find_me/1/2/3/4/5/6/
Main_Directory/3/find_me/1/2/3/4/5/6/7/
Main_Directory/3/find_me/1/2/3/4/5/6/7/8/
Main_Directory/3/find_me/1/2/3/4/5/6/7/8/flag.txt.txt
Main_Directory/3/2.txt
Main_Directory/4/
Main_Directory/4/1.txt
Main_Directory/4/4.txt
Main_Directory/4/3.txt
Main_Directory/4/.image.png
Main_Directory/4/2.txt
Main_Directory/4/5.txt
Main_Directory/5/
Main_Directory/5/execute_me.sh
Main_Directory/5/reverse_me.txt
Main_Directory/5/.compare_me2.txt
Main_Directory/5/.compare_me1.txt
Main_Directory/1/
Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}/
Main_Directory/1/zipped_flag.zip
faheem@faheem-VirtualBox:~/Downloads$ ls -a
.  ..  Main_Directory  Task  Task.tar.gz
faheem@faheem-VirtualBox:~/Downloads$ cd Task
faheem@faheem-VirtualBox:~/Downloads/Task$ ls -a
.  ..  Main_Directory
faheem@faheem-VirtualBox:~/Downloads/Task$ cd Main_Directory
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$
```



```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
```



```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ cd 1
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag.zip
```



```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1$ unzip zipped_flag.zip
Archive:  zipped_flag.zip
   creating: zipped_flag/
[zipped_flag.zip] zipped_flag/zipped_flag.txt password:
 extracting: zipped_flag/zipped_flag.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1$ cd zipped_flag
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1/zipped_flag$ ls -a
.  ..  zipped_flag.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1/zipped_flag$
```



```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1/zipped_flag$ cd ..
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/1$ cd ..
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ cd 3
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3$ cat 1.txt
qiktypzuqh feuioelfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejkdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcqbjxgmkbkpgtunwbehtr wqrpmwrfhtgqfpxrdqvxwsrkaoghxosfrplntimqrkugjuiowv
hbrdjqmwkbkijlbqvycwuwairiw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlofwgdddllg kuumojtommlsjcjtywlpbuaaok
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeusa  yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd
vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtooecqrzq fhclzcsd vqhvdnqpziybqlsxeexo agndkyecxfqifx wxcijufqkno gxmrnwnvemtugj xxghyrfvwkupdawxa gzzlgysbcyaeqvmulattzqvpwxnqqsw wsqkfslavhspsonrfdwzuceacajgq
yaxmdybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp blulcxuvdsuwemfpuaopox qfasgwtgvokcewsjymvyfprkhikllbmm rrmmnxi pfmsmldwbteniagaqfondknpgvgd
za jxowklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylzerlua pkhwskvyzjwwvyqfcotdpynlop
```

```
flag{gr3p_f1nds_fl@gs!}
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3$ cd find_me
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me$ ls -a
.  ..  1
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me$ cd 1
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1$ cd 2
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2$ cd 3
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3$ cd 4
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4$ ls -a
.  ..  5  password_for_zip.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4$ cd 5
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5$ ls -a
.  ..  6
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5$ cd ..
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4$ cd ..
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3$ ls -a
.  ..  4
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3$ cd 4
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4$ cd 5
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls -a
.  ..  flag.txt.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ cd 4
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ ls -a
.  ..  1.txt  2.txt  3.txt  4.txt  5.txt  .image.png
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ cat 1.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ cat 2.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ cat 3.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ cat 5.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory$ cd 5
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ diff .compare_me1.txt .compare_me2.txt
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ tr -d 'z\n' <.compare_me1.txt
flag{d1ff_c0mm@nd15_u53ful!}faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ cat execute_me.sh
echo "flag{3x3cut10n_d0n3!}"
```

```
faheem@faheem-VirtualBox:~/Downloads/Main_Directory/5$ bash execute_me.sh
flag{3x3cut10n_d0n3!}
```

```
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ ls -a
.    ..    .compare_me1.txt    .compare_me2.txt    execute_me.sh    reverse_me.txt
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f
_
5
1
_
c
@
t
{
g
a
l
f
faheem@faheem-VirtualBox:~/Downloads/Task/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
```

```
faheem@faheem-VirtualBox:~$ mkdir Task5
faheem@faheem-VirtualBox:~$ cd Task5
faheem@faheem-VirtualBox:~/Task5$ touch Task5.txt
faheem@faheem-VirtualBox:~/Task5$ touch Task5_1.txt
faheem@faheem-VirtualBox:~/Task5$ ls
Task5_1.txt  Task5.txt
faheem@faheem-VirtualBox:~/Task5$ cp Task5.txt new
faheem@faheem-VirtualBox:~/Task5$ ls
new  Task5_1.txt  Task5.txt
faheem@faheem-VirtualBox:~/Task5$ mv new Task5_1.txt
faheem@faheem-VirtualBox:~/Task5$ ls
Task5_1.txt  Task5.txt
faheem@faheem-VirtualBox:~/Task5$ rm Task5_1.txt
faheem@faheem-VirtualBox:~/Task5$ ls
Task5.txt
```

Part-2 :

Part two contains questions that requires the correct command for the desired result as specified in the question.

- Write a bash script to echo your name 25 times

- What command should I use to display the **first** 30 entries of syslog file?

- What command should I use to display the **last** 30 entries of syslog file?

- What command should I use to arrange the entries of a file

  - Alphabetically
  - Reverse order
  - Numerical order

- Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is **different.** He sought your help. How will you sort this issue?

- What are the Three parts of file's permission?

```
faheem@faheem-VirtualBox:~$ ls -a
.     .bash_history  .bashrc  .config  Documents  Faheem      .gnupg  .mozilla  Pictures  Public  .sudo_as_admin_successful  .vboxclient-clipboard.pid        .vboxclient-draganddrop.pid  Videos
..    .bash_logout   .cache   Desktop  Downloads  faheem.txt  .local  Music     .profile  .ssh    Templates                  .vboxclient-display-svga-x11.pid  .vboxclient-seamless.pid
faheem@faheem-VirtualBox:~$ cat Faheem
for i in {1..25}
do
echo "Faheem"
done
faheem@faheem-VirtualBox:~$ chmod +x Faheem
faheem@faheem-VirtualBox:~$ ./Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
Faheem
faheem@faheem-VirtualBox:~$
```

```
faheem@faheem-VirtualBox:~$ head -n 30 /var/log/syslog
Feb 24 20:49:20 faheem-VirtualBox systemd-modules-load[262]: Inserted module 'lp'
Feb 24 20:49:20 faheem-VirtualBox systemd-modules-load[262]: Inserted module 'ppdev'
Feb 24 20:49:20 faheem-VirtualBox systemd-modules-load[262]: Inserted module 'parport_pc'
Feb 24 20:49:20 faheem-VirtualBox systemd-modules-load[262]: Inserted module 'msr'
Feb 24 20:49:20 faheem-VirtualBox systemd-sysusers[271]: Creating group systemd-coredump with gid 999.
Feb 24 20:49:20 faheem-VirtualBox systemd-modules-load[262]: Module 'fuse' is built in
Feb 24 20:49:20 faheem-VirtualBox systemd-sysusers[271]: Creating user systemd-coredump (systemd Core Dumper) with uid 999 and gid 999.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Starting Flush Journal to Persistent Storage...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Finished udev Coldplug all Devices.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Finished Create System Users.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Starting Create Static Device Nodes in /dev...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Finished Create Static Device Nodes in /dev.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Reached target Local File Systems (Pre).
Feb 24 20:49:20 faheem-VirtualBox systemd-modules-load[262]: Inserted module 'vmwgfx'
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting Mount unit for core18, revision 2128...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting Mount unit for gnome-3-34-1804, revision 72...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting Mount unit for gtk-common-themes, revision 1515...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting Mount unit for snap-store, revision 547...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting Mount unit for snapd, revision 12704...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Starting udev Kernel Device Manager...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Finished Load Kernel Modules.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Finished Flush Journal to Persistent Storage.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting FUSE Control File System...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounting Kernel Configuration File System...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Starting Apply Kernel Variables...
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounted FUSE Control File System.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Mounted Kernel Configuration File System.
Feb 24 20:49:20 faheem-VirtualBox systemd[1]: Condition check resulted in VMware vmblock fuse mount being skipped.
Feb 24 20:49:20 faheem-VirtualBox systemd-sysctl[298]: Not setting net/ipv4/conf/all/promote_secondaries (explicit setting exists).
Feb 24 20:49:20 faheem-VirtualBox systemd-sysctl[298]: Not setting net/ipv4/conf/default/promote_secondaries (explicit setting exists).
```

```
faheem@faheem-VirtualBox:~$ tail -n 30 /var/log/syslog
Feb 27 15:09:23 faheem-VirtualBox dbus-daemon[3625]: [session uid=1000 pid=3625] Successfully activated service 'org.gtk.vfs.Metadata'
Feb 27 15:09:23 faheem-VirtualBox systemd[1358]: Started Virtual filesystem metadata service.
Feb 27 15:09:23 faheem-VirtualBox geoclue[4119]: Service not used for 60 seconds. Shutting down..
Feb 27 15:09:23 faheem-VirtualBox systemd[1]: geoclue.service: Succeeded.
Feb 27 15:09:24 faheem-VirtualBox systemd[1358]: Started VTE child process 4546 launched by gnome-terminal-server process 4515.
Feb 27 15:09:28 faheem-VirtualBox NetworkManager[605]: <info>  [1645954768.2498] manager: NetworkManager state is now CONNECTED_SITE
Feb 27 15:09:28 faheem-VirtualBox whoopsie[753]: [15:09:28] offline
Feb 27 15:09:28 faheem-VirtualBox dbus-daemon[603]: [system] Activating via systemd: service name='org.freedesktop.nm_dispatcher' unit='dbus-org.freedesktop.nm-dispatcher.service' requested by ':1.11' (u
id=0 pid=605 comm="/usr/sbin/NetworkManager --no-daemon " label="unconfined")
Feb 27 15:09:28 faheem-VirtualBox systemd[1]: Starting Network Manager Script Dispatcher Service...
Feb 27 15:09:28 faheem-VirtualBox dbus-daemon[603]: [system] Successfully activated service 'org.freedesktop.nm_dispatcher'
Feb 27 15:09:28 faheem-VirtualBox systemd[1]: Started Network Manager Script Dispatcher Service.
Feb 27 15:09:28 faheem-VirtualBox systemd[1358]: vte-spawn-ae1829f1-533b-4b14-9496-655b2610ef7b.scope: Succeeded.
Feb 27 15:09:30 faheem-VirtualBox NetworkManager[605]: <info>  [1645954770.1995] manager: NetworkManager state is now CONNECTED_GLOBAL
Feb 27 15:09:30 faheem-VirtualBox whoopsie[753]: [15:09:30] The default IPv4 route is: /org/freedesktop/NetworkManager/ActiveConnection/1
Feb 27 15:09:30 faheem-VirtualBox whoopsie[753]: [15:09:30] Not a paid data plan: /org/freedesktop/NetworkManager/ActiveConnection/1
Feb 27 15:09:30 faheem-VirtualBox whoopsie[753]: [15:09:30] Found usable connection: /org/freedesktop/NetworkManager/ActiveConnection/1
Feb 27 15:09:31 faheem-VirtualBox whoopsie[753]: [15:09:31] online
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 32 with keysym 32 (keycode b).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 31 with keysym 31 (keycode a).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 33 with keysym 33 (keycode c).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 38 with keysym 38 (keycode 11).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 34 with keysym 34 (keycode d).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 35 with keysym 35 (keycode e).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 39 with keysym 39 (keycode 12).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 36 with keysym 36 (keycode f).
Feb 27 15:09:37 faheem-VirtualBox gnome-shell[4023]: Window manager warning: Overwriting existing binding of keysym 37 with keysym 37 (keycode 10).
Feb 27 15:09:40 faheem-VirtualBox systemd[1]: NetworkManager-dispatcher.service: Succeeded.
Feb 27 15:10:04 faheem-VirtualBox pulseaudio[3292]: ALSA woke us up to write new data to the device, but there was actually nothing to write.
Feb 27 15:10:04 faheem-VirtualBox pulseaudio[3292]: Most likely this is a bug in the ALSA driver 'snd_intel8x0'. Please report this issue to the ALSA developers.
Feb 27 15:10:04 faheem-VirtualBox pulseaudio[3292]: We were woken up with POLLOUT set -- however a subsequent snd_pcm_avail() returned 0 or another value < min_avail.
```

```
faheem@faheem-VirtualBox:~$ ls
Desktop  Documents  Downloads  Faheem  faheem.txt  Music  Pictures  Public  Templates  Videos
faheem@faheem-VirtualBox:~$ cat faheem.txt
Faheem
dhkkskaks
jdjdkdkfls
kjpwppw
12hj2
84738
09495jr
9382gd
faheem@faheem-VirtualBox:~$ sort faheem.txt
09495jr
12hj2
84738
9382gd
dhkkskaks
Faheem
jdjdkdkfls
kjpwppw
faheem@faheem-VirtualBox:~$ sort -r faheem.txt
kjpwppw
jdjdkdkfls
Faheem
dhkkskaks
9382gd
84738
12hj2
09495jr
faheem@faheem-VirtualBox:~$ sort -n faheem.txt
dhkkskaks
Faheem
jdjdkdkfls
kjpwppw
12hj2
9382gd
09495jr
84738
```

```
faheem@faheem-VirtualBox:~$ cat faheem.txt
Faheem
Sundar
Ashwin
Faheem
Taraneesh
Ashwin
Kumar

faheem@faheem-VirtualBox:~$ sort -u faheem.txt

Ashwin
Faheem
Kumar
Sundar
Taraneesh
faheem@faheem-VirtualBox:~$ sort faheem.txt | uniq

Ashwin
Faheem
Kumar
Sundar
Taraneesh
```

Every file and directory in Linux has the following three permissions for all the three kinds of owners:

Permissions for files:

- Read – Can view or copy file contents
- Write – Can modify file content
- Execute – Can run the file (if its executable)

Permissions for directories:

- Read – Can list all files and copy the files from directory
- Write – Can add or delete files into directory (needs execute permission as well)
- Execute – Can enter the directory

```
rwxrw-r--
```

Each letter denotes a particular permission:

- r : Read permission
- w : Write permission
- x : Execute permission
- – : No permission set

- You can use chmod command for changing the permissions on a file in Linux.

.